

ABSTRACT

The present invention relates to a novel titanyl phthalocyanine crystal which can prepare a coating solution having excellent storage stability because it satisfies both of the following two characteristics (a) and (b), a method of producing the same, an electrophotosensitive material using the above crystal as an electric charge generating material.

(a) The crystal has a maximum peak at a Bragg angle $2\theta \pm 0.2^\circ = 27.2^\circ$ and has no peak at 7.4° in a $\text{CuK}\alpha$ characteristic X-ray diffraction spectrum.

(b) The crystal does not have a peak of a change in temperature within a range from 50 to 400°C except for a peak associated with evaporation of adsorbed water in differential scanning calorimetry.